



Contract No. 009359	Station Section 1	Mile/Line: I-90	C/S
Staked by Survey	Date 8/5/2019	Work Started Date 8/5/2019	Work Completed Date
Calculated by Scott Busby	Date 9/5/2019	Checked by E. Knudson	Inspector Scott Busby
		Date 9/10/2019	Date 9/5/19

ITEM NO. 6

Section 1 - I-90, MP 33.44 to MP 136.43

AES. (weathered) TR. BEAM GUARDRAIL TYPE 31

Est.#5

Group Number 3

8/14/2019 - I-90

- Station LW 328+23 to LW 327+64 = MP 37.561 - RT - Install **37.5 LF** AES TR Beam Guardrail Type 31
- $(37.5/6.25 = 6)$ Total of **6** wood posts
- Station LW 436+21 to LW 435+62 = MP 39.606 - RT - Install **37.5 LF** AES TR Beam Guardrail Type 31
- $(37.5/6.25 = 6)$ Total of **6** wood posts

Sub Total: = **75 LF** of AES TR Beam Guardrail Type 31
= **12 EA** - Wood Posts

Group Number 4

8/19/2019 - I-90

- Station MP 46.92 Main RT WB - Sheet 1 - Install **37.5 LF** AES TR Beam Guardrail Type 31
- $(37.5/6.25 = 6)$ Total of **6** wood posts

8/23/2019 - I-90

- Station MP 47.79 Main LT WB - Sheet 7 - Install **125 LF** AES TR Beam Guardrail Type 31
- $125 - 37.25 = 6 + (87.5/6.25 = 14)$ Total of **20** wood posts

Sub Total: = **162.5 LF** of AES TR Beam Guardrail Type 31
= **26 EA** - Wood Posts

Group Number 5

8/14/2019 - I-90

- Station LW 550+19 to LW 549+82 = MP 41.769 - RT - Install **37.5 LF** AES TR Beam Guardrail Type 31
- $(37.5/6.25 = 6)$ Total of **6** wood posts

- Station LW 609+91 to LW 609+66 = MP 42.903 - RT - Install **25 LF** AES TR Beam Guardrail Type 31
- $(25/6.25 = 6)$ Total of **4** wood posts

Sub Total: = **62.5 LF** of AES TR Beam Guardrail Type 31
= **10 EA** - Wood Posts

Group Number 7

8/20/2019 - I-90

- Station MP 70.00 P1 Exit 70 off ramp 0.16 RT EB - Sheet 1 - Install **37.5 LF** AES TR Beam Guardrail Type 31
- $(37.5/6.25 = 6)$ Total of **6** wood posts
- Station MP 70.00 P1 Exit 70 off ramp 0.18 LT EB - Sheet 1 - Install **37.5 LF** AES TR Beam Guardrail Type 31
 $(37.5/6.25 = 6)$ Total of **6** wood post
- Station MP 70.63 R1 Exit 70 off ramp 0.21 RT WB - Sheet 1 - Install **50 LF** AES TR Beam Guardrail Type 31
- $50 - 37.5 = 6$ wood posts $(12.5/6.25 = 2)$ Total of **8** wood posts
- Station MP 70.63 P1 Exit 70 off ramp 0.21 LT WB - Sheet 1 - Install **37.5 LF** AES TR Beam Guardrail Type 31
 $(37.5/6.25 = 6)$ Total of **6** wood post

Sub Total: = **162.5 LF** of AES TR Beam Guardrail Type 31
= **26 EA** - Wood Posts

Total Group 3, 4, 5 and 7 - $(75+162.5+62.5+162.5) = \mathbf{462.5 LF}$ of AES TR Beam Guardrail Type 31

$(6+26+10+24) = \mathbf{66 EA}$ - Wood Posts

Notes:

Measured by wheel and counted

Item Num	Material Brand Name/Model Type	Manufacturer	Brand Name/Model Type	RAMS/QPL Ref. No.	Appr/Acc Code	Basis of Accept
006.02	Beam Guardrail Thrie Beam Elements and Components	Trinity Highway Products, LLC		QPL-0001	2215 /	Mfr. Cert. per Stnd. Spec. 1-06.3
006.03.03	Other Weathering Agent	Natina		RAM-0002	8 /	Submit Sample per Contract Special Provisions
006.04	Beam Guardrail Wood Post and Blocks	Superior Wood Treating		QPL-0005	2550 /	Lumber Grading Stamp or Grading Certificate and Certificate of Treatment. (If Aquatic Envir. Std. Spec. 9-09.3 (1) Applies)
006.05	Beam Guardrail Steel Post and Blocks	Trinity Highway Products, LLC		QPL-0002	2215 /	Mfr. Cert. per Stnd. Spec. 1-06.3
006.06	Beam Guardrail Alternate Material Blocks	Mondo Polymer Technologies		QPL-0006	3101 /	

Document
conformance to the
requirements of
NCHRP 350 or the
AASHTO Manual for
Assessing Safety
Hardware (MASH)

Item Num	Item Description	Grp	Date Work Complete	Unit	Quantity	Ledger Entry No.	Posted By Init.	Posted By Date	Checked By Init.	Checked By Date	Est. No.
0006	AES. TR. BEAM GUARDRAIL TYPE 31	3	9/5/2019	L.F.	75	277	EK	09/11/19			6
0006	AES. TR. BEAM GUARDRAIL TYPE 31	4	9/5/2019	L.F.	162.5	278	EK	09/11/19			6
0006	AES. TR. BEAM GUARDRAIL TYPE 31	5	9/5/2019	L.F.	62.5	279	EK	09/11/19			6
0006	AES. TR. BEAM GUARDRAIL TYPE 31	7	9/5/2019	L.F.	162.5	280	EK	09/11/19			6

Attachments



Things to do 82-2.xlsx
Microsoft Excel
Worksheet
409 KB